

Amendments to the Claims:

This listing of the claims replaces the listings of the claims in the present patent application:

Listing of Claims:

Claim 1 (Currently Amended) A spherical, luminescent golf ball comprising:

[[an]] a spherical outer layer of a translucent polymer material, allowing for transmission and diffusion of light, said spherical outer layer having a first spherical center;

a substantially spherical inner chamber comprising containing a first hemisphere having a first liquid compound, ~~component~~ and a second hemisphere having a second liquid compound, and ~~component~~ a planar circular partitioning element configured to border said first hemisphere and said second hemisphere ~~that, when combined, form a chemiluminescent liquid mixture;~~

[[a]] said planar circular partitioning element[[,]] separating said first hemisphere ~~component~~ and said second hemisphere ~~component~~, said planar circular partitioning element configured to rupture when sufficient external force is applied to said golf ball, thereby allowing said first liquid compound ~~component~~ and said second liquid compound ~~to mix and~~ ~~component to~~ form [[said]] a chemiluminescent liquid mixture that produces ~~, and produce~~ light energy; and

said substantially spherical inner chamber having a second spherical center that coincides with the first spherical center of the spherical outer layer, which an inner core shell, configured to house, said chemiluminescent liquid mixture that causes the illumination of said ball, said inner core shell configured to be spherical and is configured to provide substantially even weight distribution throughout said ball, and to provide the core of said golf ball.

Claim 2 (New) The spherical, luminescent golf ball of claim 1 further comprising:

a tearing assembly coupled to the planar circular partitioning element, said tearing assembly configured to provide said sufficient external force to said ball by mechanically displacing and rupturing said planar circular partitioning element thereby allowing said first compound and said second compound to mix.